

Date: Sat, 5 Mar 94 18:11:24 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #248
To: Info-Hams

Info-Hams Digest Sat, 5 Mar 94 Volume 94 : Issue 248

Today's Topics:

[FWD] Email address for ARRL?
Alpha Bravo Charlie Delta
Body Parts by J. Herman
Calling Deleware Hams
Drake SW-8 comments solicited
Electric Fence RFI
800 stops operation after short time
Help: Neighbor's CW interference
Keyboards at testing
ily Digest postings to rec.radio.amat
Nude Radio Amateurs
On-line Repeater Directory
QST review of Dual-Bander HTs

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.EDU in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 5 Mar 94 23:48:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: [FWD] Email address for ARRL?
To: info-hams@ucsd.edu

>
>If your system is for some strange reason unable to deal with
>standard mail addressing via DNS (i.e., MX records), you can
>use @mgate.arrl.org instead. Presumably your system can resolve
>that!

>--
>Jon Bloom KE3Z jbloom@arrl.org
>

.....and if that does not work, try rewriting the address as follows: jbloom%arrl.org@vm1.nodak.edu
(I use Jon's address as an example, but whatever userid you have will be put in there).

This will route it to one of the biggest gateways in the nation and should "fly all the way".

jd

Date: 3 Mar 94 16:12:00 GMT
From: hotmomma!brent!steve.alien@uunet.uu.net
Subject: Alpha Bravo Charlie Delta
To: info-hams@ucsd.edu

Brian.Kelk@c1.cam.ac.uk writes:

>Used by New York police:
>Adam Boston Chicago Denver Edward Frank George Henry Ida
>John King Lincoln Mary Nancy Ocean Peter Queen Robert Sam
>Thomas Union Victor William X-ray Young Zebra

Current NYPD usage is:
Adam Boy Charlie David Eddie Frank George Henry Ida John King
Larry Mary Nancy O Peter Queen Robert Sam Thomas Union Victor
Queen Robert Sam Thomas Union Victor William X-ray Yankee Zebra

The Midtown North Sector C patrol sometimes refers to itself as 'Charles Of The North.'

-Steve N2WSA

. QMPro 1.51 . It's more fun than sex-- it's the Sunspot Index

The Brentwood BBS! 12 Nodes (914)-381-1600

Date: 2 Mar 94 22:08:15 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: Body Parts by J. Herman

To: info-hams@ucsd.edu

In article <762544765snx@skyld.grendel.com> jangus@skyld.grendel.com (Jeffrey D. Angus) writes:

>
>Waiting now for the headlines in the LA Times, Dateline Hawaii:
>
>"Deranged Professor detonates 5 pounds of plastic explosive in mens
>room on campus. Police sifting through wreckage are puzzled by the
>large quantity of black basket weave material. Several used condoms
>and a radio were also found at the blast site."
>

COMPTON (Reuters) - Police psychologists today were extremely puzzled as to why a Compton man, identified as Jeffrey Angus, had stopped northbound traffic on the Santa Ana freeway by running along side cars only to stare at the crotches of male drivers and passengers. Witnesses stated he was yelling obscenities and clothed only in a black basket-weave print belt; a 2-way radio was said to be clipped to the belt (one ham radio operator who claimed to be a victim of Angus' staring said that the radio appeared to be on a frequency of 147.435 MHz - this could not be confirmed).

Story compiled by Jeff NH6IL

Date: 4 Mar 94 09:55:32 GMT
From: nprdc!ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!udel!
news.sprintlink.net!connected.com!krel.iea.com!comtch!pfeuffer@network.ucsd.edu
Subject: Calling Deleware Hams
To: info-hams@ucsd.edu

Hi:

I'm desperate for a Deleware QSO for WAS. I know it exsits, I've been there!

If you can help with a sked on 80. 40 or 20 drop me an Email.

Thanks & 73

--
Joe KW1K @WB7NNF.#EWA.WA.USA.NOAM
Spoakne. WA

Date: Fri, 04 Mar 94 14:30:06 EST
From: news.cerf.net!pravda.sdsc.edu!nic-nac.CSU.net!news.Cerritos.edu!
news.Arizona.EDU!math.arizona.edu!noao!ncar!gatech!howland.reston.ans.net!
europa.eng.gtefsd.com!ulowell!wang@ihnp4.ucsd.edu
Subject: Drake SW-8 comments solicited
To: info-hams@ucsd.edu

A colleague is thinking of buying the new Drake semi-portable SW-8.

Would any new owners of this receiver care to provide any feedback on it? My colleague would be very grateful.

Please email your comments to me directly as well as posting to the group.

Thanks,
Lee <lee@tossspot.sv.com>

Date: 5 Mar 94 02:43:45 GMT
From: nprdc!ihnp4.ucsd.edu!mvb.saic.com!unogate!news.service.uci.edu!usc!
howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!
yeshua.marcam.com!charnel!olivea!news.bu.
Subject: Electric Fence RFI
To: info-hams@ucsd.edu

>
>In article <CLMqI7.Bvn@murdoch.acc.Virginia.EDU>,
clh6w@faraday.clas.Virginia.
>EDU (Carole L. Hamilton) writes:
>> I've got some bad interference on 80 through 10
>> meter bands from an electric fence about 500
>> feet away. The effect is very sharp clicks
>> about 3-4 per second. Analog noise blanker
>> works some but not 100%.
>>
>> Anyone have any cures?
>>
>> Tnx,
>> Ned Hamilton, AB6FI
>
>
>Ned,
>
>I had a similar problem about 15 years ago when I was still living on my
>dad's farm. The fence charger he had had a filter cap inside that had been
>destroyed by lightning. When I replaced the cap, the problem was gone.

>
>Do you own the electric fence charger in question, or does it belong to a
>neighbor? If it belong's to a neighbor, it might be a little more
difficult
>to deal with, but if you can pick up the interference with an AM radio or
>TV set, you can maybe persuade them that there is a problem.
>
>Anyway, a 10 - 50 microfarad capacitor (make sure it has a voltage rating
>of at least several hundred volts) hooked between the output terminal and
>ground should help the problem (assuming you can get access to the charger
>of course).
>
>
>Charlie Betz N0AKC
>
It certainly will make a difference if it is only several hundred volts. It
will be like a direct short soon. An electric fence puts out thousands of
volts.

Gil Baron, El Baron Rojo, W0MN Rochester,MN
"Bailar es Vivir"
PGP2.3 key at key servers or upon request

Date: 4 Mar 94 01:06:32 GMT
From: nprdc!ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!news.msfc.nasa.gov!
europa.eng.gtefsd.com!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!
nigel.msen.com!math.fu-berlin.de!zib-berlin.@
Subject: frg-8800 stops operation after short time
To: info-hams@ucsd.edu

My frg-8800 showed this problem a few months after I buyed it when
I was using a MIF-90 to tune quite fast through the frequencies:
At some time (30secs to few minutes) it stopped audio output. I then
stopped this computerized tuning and used it as normal receiver. Now
(lots of years later) the frq shows this behavior during normal operation:
turn it on, tune throuhg a few frequencies, and auto output stops.
The failure seems to be progressive: now I need to turn it of for a
while, and then I'm able to use it for a short period of time (<2 min)
and then the problem reoccurs...
Any ideas?

Gruss PB
/

Date: 4 Mar 94 08:56:57 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!gatech!udel!news.sprintlink.net!connected.com!
krel.iea.com!comtch!pfeuffer@network.ucsd.edu
Subject: Help: Neighbor's CW interference
To: info-hams@ucsd.edu

Try adding a small ferite bead to each ire connecting the intercoms.

Rajiv Dewan (rdewan@casbah.acns.nwu.edu) wrote:

: In article <watson.7.000F6A2B@lobby.ti.com>,
: Sam Watson <watson@lobby.ti.com> wrote:
: >I'm not a radio operator, just trying to get along with one. Need advice on
: >how to eliminate neighbor's 100 watt 10 meter CW transmissions from my house
: >intercom speakers. Only thing that works is turning down the volume at each
: >speaker, then we can't hear the doorbell since it's part of the
: >intercom/radio. We have put a hi-pass filter on the FM lead, disconnected the
: >AM lead, soldered .01mf caps across the speaker terminals, and grounded his
: >antenna to an 8' copper clad rod. Nothing works. I'm betting some of the
: >ARRL guys on the net have the answer. Any ideas?

: I commend you for taking the initiative to reduce RFI. A few notes/questions:

: Fact: unplugging antenna/high pass filter did not help
: Probably the RFI is coming in through other wires.

: Fact: level of clicks are affected by volume control
: Q: Where is the volume control?

: if the vol control is at the console then the rfi is comming in from other
: wires such as from door mic to console. Try ferrite bead and/or
: capacitors.

: Fact: capacitor at speakers did not help
: i) common mode (capacitor would have helped differential mode) rfi
: i.e., rf voltage is present at both wires of the speaker
: Try ferrite beads. I think that Radio Shack carries them. Pass
: both the wires through them. If you can get a toroid then wrap a
: number of turns with both wires.
: ii) rfi is coming in from from other wires such as from door

: Other suggestions:

: One possibility is that the field strength at you house is so large
: that it would be tough to isolate long stretches of wire in you intercom
: system. Can the ham locate the antenna further away from you?

: Does the ham have a good rf ground?

: Rajiv
: aa9ch
: r-dewan@nwu.edu

Date: 2 Mar 94 15:54:00 GMT
From: hotmomma!brent!steve.allen@uunet.uu.net
Subject: Keyboards at testing
To: info-hams@ucsd.edu

mahjmac@news.delphi.com (MAHJMAC@DELPHI.COM) writes

>It would seem to me that being allowed to use a keyboard doesn't conform
>to the whole reason CW is required. It is used on an international scale, and
>if you are ever in any type of emergency or spontaneous situation where you
>need to receive code with no keyboard, then you would be worthless.

The entire morse test is multiple-guess! There is *no* relation
to anything real in the morse test. No smoke, no fire, no screaming
sailors, nothing.

Seriously, I was astounded at the low level of comprehension
required in the 13-wpm test I took. I had slaved for a month to be
sure I could tell "FT-100" from "FT-101" in the middle of a qso.
Then I take the test and the questions are "Rig is: A: Yaesu B:
Icom C: Kenwood D: Heathkit."
Of course you should be allowed to use your keyboard. Sheesh.

-Steve N2WSA

. QMPro 1.51 . It's more fun than sex-- it's the Sunspot Index

The Brentwood BBS! 12 Nodes (914)-381-1600

Date: 4 Mar 94 15:18:46 EST
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!swrindle!sgiblalb!wetware!
spunky.RedBrick.COM!psinntp!psinntp!main03!landisj@network.ucsd.edu
Subject: No more FCC Daily Digest postings to rec.radio.amateur.misc
To: info-hams@ucsd.edu

In article <1994Feb28.171522.1547@pixar.com>, bruce@pixar.com (Bruce Perens)
writes:

> Since the FCC Daily Digests are now available via anonymous FTP to
> FCC.GOV, I won't be posting any more of them to this newsgroup.
>
> I do hope that you will retrieve and read the digests often. It's critically

> important for us to follow and understand the FCC's operations.

>

> Thanks

>

> Bruce Perens

Bruce,

Myself, and many others I'm sure, do not have FTP available, and would like to see your posts of the digests continue. Your right. It IS critically important for all of us!

--

Joe Landis - System & Network Mgr. - North American Drager Co.

landisj@drager.com | uups15!main03!landisj | AA3GN @ WB3JOE

Date: 4 Mar 94 10:34:55 GMT

From: digex.net!digex.net!not-for-mail@uunet.uu.net

Subject: Nude Radio Amateurs

To: info-hams@ucsd.edu

woodj@apollo.robins.af.mil writes:

>northup@hoop.sw.stratus.com (Bill Northup) writes:

>> julian@bongo.tele.com (Julian Macassey) writes:

>> : The Conservative radio amateurs always make sure they are

>> : properly attired before engaging in QSOs.

>> Does this mean that we have to start practicing safe QSOs ?

>Should the prophylactic go over the speaker or the key/microphone??

Well! It certainly doesn't take very much
to get you gentlemen overheated, does it!

At ease, boys.

--

rec.nude: your exit to good living along the Information Toll Road.

finger bote@access.digex.net for PGP key and an operator will help you.

Only 30 days until Opening Day!

Date: 5 Mar 94 04:02:08 GMT

From: nprdc!ihnp4.ucsd.edu!agate!news.ucdavis.edu!chip.ucdavis.edu!

ez006683@network.ucsd.edu

Subject: On-line Repeater Directory

To: info-hams@ucsd.edu

Conway Yee (yee@mipg.upenn.edu) wrote:

: Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: : That's right on, good mind reading. While I think the ARRL position is
: : shaky at best here, I don't want to see tanks rumbling down Main St.
: : in Newington either. The BATF and FBI death squads are already bad

: Jon Bloom KE3Z (jbloom@arrl.org), a ARRL HQ staffer, follows up with:
: >I dunno. Might be entertaining.

: Well, if ARRL HQ wants to be the recipient of our federal goon squad's
: attentions and the taxpayer has no objections, I see absolutely no
: reason whatsoever why the ARRL's preference for entertainment can not
: be accomodated.

That's right it has two good side effects.

- 1) It keeps the collect mind of the nation off the health care and White Water debaucles.
- 2) It might lead to Radio Control (tm) becoming one of the leading national problems as shown in a future Gallop poll.

wish I could apply more than half a smiley.

cheers,

Dan

--

* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *

* Internet: ddtodd@ucdavis.edu *

* Snail Mail: 1750 Hanover #102 *

* Davis CA 95616 *

* All opinions expressed herein are completely ficticious any *

* resemblance to actual opinions of persons living or dead is *

* completely coincidental. *

Date: 4 Mar 94 20:21:29 GMT

From: nprdc!ihnp4.ucsd.edu!newshub.sdsu.edu!ucsnews!sol.ctr.columbia.edu!
howland.reston.ans.net!wupost!csus.edu!netcom.com!wy1z@network.ucsd.edu
Subject: QST review of Dual-Bander HTs
To: info-hams@ucsd.edu

In article <1994Mar1.165710.2145@dtint.dtint.com> Allen Wallace
<allen@dtint.dtint.com> writes:
>In the last QST, they reviewed 4 different dual-band HTs. The question I

>have, is what is their extended TX / RX frequency range when modified?
>
>For example, I've heard a rumor that the TH-78A can transmit AM down in
>the aircraft band. I don't believe it, nor would I ever want to transmit
>down there!
>
>I've also heard that most receive well into the 800 MHZ range.
>
>Can anyone enlighten me?
>
>73,
>
>Allen Wallace
>--
>---
>Tom Kimpton(System Administrator) {root,tom}@dtint.dtint.com
>Digital Technology Int. (801)226-2984
>500 W. 1200 South, Orem UT, 84057 FAX (801) 226-8438

A single answer for all:

Check the mods archive on [ftp.std.com:/pub/hamradio/mods](ftp://ftp.std.com:/pub/hamradio/mods)

Directory structure from there catagorized by manufacturer.

Should tell you all you wanted to know.

73,
Scott

--
=====| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
=====| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
=====|-----|
=====| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
=====| the World - [ftp.std.com:/pub/hamradio](ftp://ftp.std.com:/pub/hamradio) |
=====|-----|

Date: 5 Mar 94 02:47:44 GMT
From: nprdc!ihnp4.ucsd.edu!mvb.saic.com!unogate!news.service.uci.edu!usc!
howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!news1.oakland.edu!
vela.acs.oakland.edu!dkrowlan@network.ucsd.edu
To: info-hams@ucsd.edu

References <kmeyer.3b0x@bbs.xnet.com>, <1994Mar2.175938.12119@alw.nih.gov>, <2141ds\$ih6@crl.crl.com>land.re
Subject : Re: Further criminalization of scanning

In article <2141ds\$ih6@crl.crl.com> dseitel@crl.com (David S Eitelbach) writes:
>
>Besides, the hobby has a stigma in the eyes of some who feel it is not a
>proper hobby for a gentleman. They see us as deviants, huddled in our
>closets, eating dogfood out of a can as we eavesdrop on our neighbors.
~~~~~

Hey, you've been peeking in my window!!! :D

(thanks for the colorful imagery...! ;))

Date: 5 Mar 94 03:54:51 GMT

From: nprdc!ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!csus.edu!  
netcom.com!tcj@network.ucsd.edu  
To: info-hams@ucsd.edu

References <kmeyer.3b0x@bbs.xnet.com>, <1994Mar2.175938.12119@alw.nih.gov>, <2141ds\$ih6@crl.crl.com>  
Subject : Re: Further criminalization of scanning

David S Eitelbach (dseitel@crl.com) writes:

> [scanning] has a stigma in the eyes of some who feel it is not a  
> proper hobby for a gentleman. They see us as deviants, huddled in  
> our closets, eating dogfood out of a can as we eavesdrop on our  
> neighbors.

This used to be my preferred mode of operation, but the damn dog drove me nuts scratching at the closet door....

Todd, KB6JXT

Date: 2 Mar 94 22:22:56 GMT

From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa  
To: info-hams@ucsd.edu

References <rccrw90-280294094834@waters.corp.mot.com.corp.mot.com>,  
<CLystu.72n@news.Hawaii.Edu>,  
<rccrw90-010394101352@waters.corp.mot.com.corp.mot.com>ix3.  
Subject : Spark! (was: Re: RAMSEY FX TRANSCEIVER

In article <rcrw90-010394101352@waters.corp.mot.com>  
rcrw90@email.mot.com (Mike Waters) writes:

> . . . .

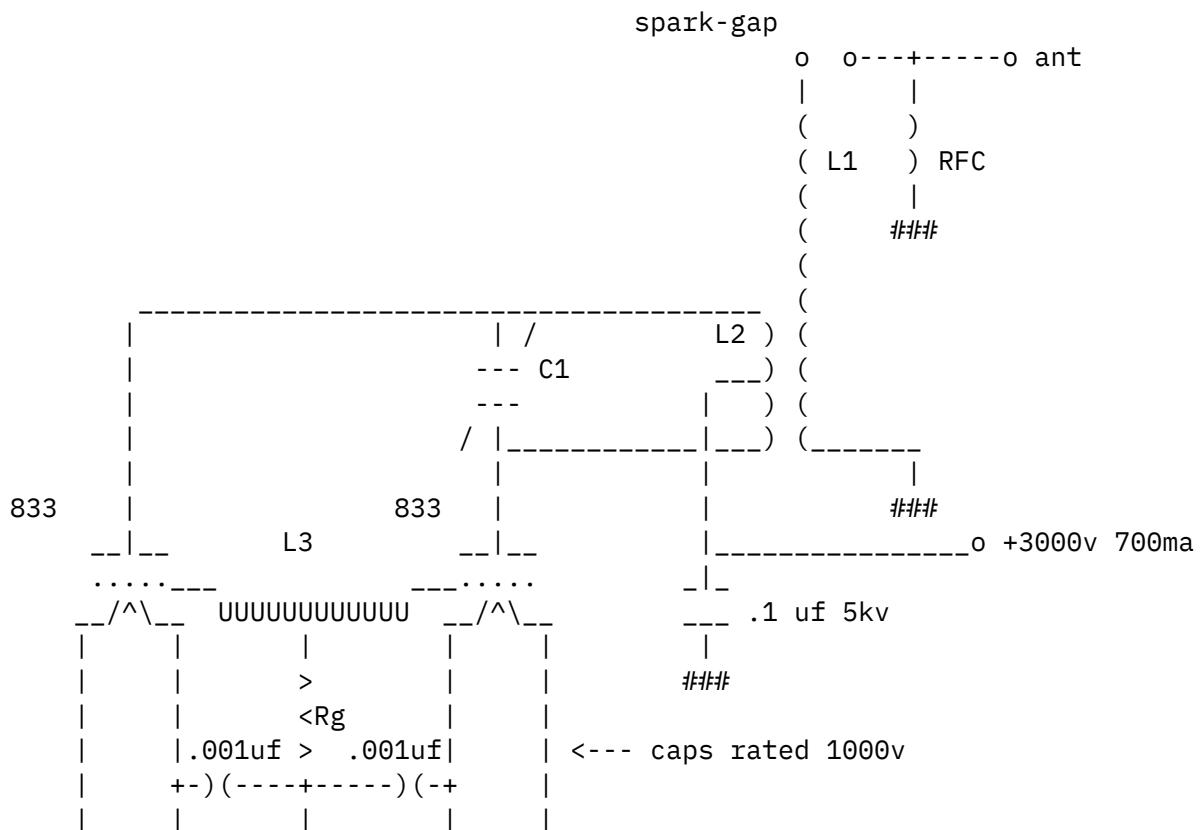
>BTW did you see the article about spark/arc transmitters in this month's

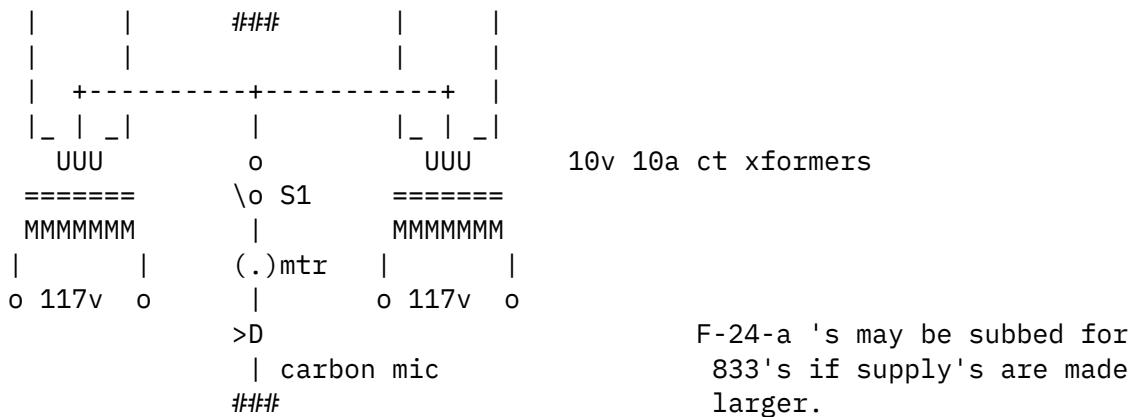
>QST? Not *\*that\** would be fun to play with!

>

<BONG BONG BONG> MIKE WATERS OF CORP.MOT.COM YOU SAID THE MAGIC WORD: SPARK!  
Your prize is the following Spark Gap Transmitter circuit, designed by  
Randy, WA1UNW. {Remember, wear heavy rubber gloves when operating}:

## TSB xmitter





## How it works:

The 2 tubes form a push pull power oscillator which makes alternating current, but at a radio frequency.

This is done by use of L1, L3, and the 2 little tubes.

In this case, the actual frequency is not important, since the objective is to generate maximum bandwidth...the goal of any 'phone station.

C1 is used to obtain maximum power by resonating L1 to L2's natural freq.

This RF voltage is stepped up by a factor of 30 to 100X by L2 and sent on to the spark-gap, where the actual RF-to-be-sent is generated.

The RFC keeps the ant ckt at DC ground, yet will not short out the RF...which is sent from the sparkgap, to the ant.

The ant wants to be one wire, and end fed. No coax required..just hook 'er up and duck.

The length of the antenna determines the sending band it will be on. The formula to use to get that length is...

$$\text{Feet} = (468 / ((F*F) + 730) - (F*F))) * 35.5$$

F = frequency in Mhz ( rounded off to nearest 100 KHz )

Voice modulation is done by use of a special Carbon Microphone, as used in the 1920's...which can handle several amps.

Here, rather than sending RF thru the mic as was done back then, only DC is sent thru.

That way, the operator (or inflictor) won't get an RF burn on his lips if he speaks too close to the mic.

That modulates the power to the tubes , which varies the intensity of the spark which then puts quite suitable a signal on the air.  
The intellegibility will match the content of some of the QSO's now on the air.

To operate:

- 1 Place mouth near carbon microphone.
- 2 Close S1 and adjust C1 for dip in current (mtr) quickly.
- 3 Make oinking and Mooing noises to indicate your presence to everyone.
- 4 Open S1 when you get around to it.

\*\*\*\*\*

Have fun, Mike (and don't tell the authorities where you got this from...)

Jeff NH6IL

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End of Info-Hams Digest V94 #248  
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\*\*\*\*\*